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ABSTRACT OF THE DISCLOSURE

A method and apparatus for replicating data in a computer system having a plurality of sites is provided. Data stored at a first site is organized as one or more sets of formatted data. A mapping is created between subsets of data within the
5 sets of formatted data and one or more object groups. These logical mappings to object groups allow distribution of the subsets of data at a finer level of granularity than previously provided and allow the subsets of data to potentially span multiple sets of formatted data. For each of the object groups, a replica of each subset of data that is mapped to the object group is created at one or more replication sites. When a data
10 modification is detected to a subset of data that has been mapped to one of the one or more object groups, the data modification is propagated to the corresponding replication sites.